CIVIL AIM CONSULTANTS & ENGINEERS
(Building Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory
NABL
TC-9500

Job No.: CQCE/BBMP/YNK.D/KEM.S/W-1/QC/Sand-1/2022-23 Date : 23.02.2023

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.**

Agency : **Sri.Jagadish (Varun Kaarthick Constructions)**

Name of Work : Development Works at Kempegowda Statue Premises in Kempegowda Ward No-01 of Yelahanka Sub Division.

Date of Testing : 23.02.2023

Material : Sand(Plastering)

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542 1992
10	0	0	0	100	100
4.75	15.5	1.55	1.55	98.5	95-100
2.36	20	2.00	3.55	96.5	95-100
1.18	31	3.10	6.65	93.4	90-100
600 Micron	75	7.50	14.15	85.9	80-100
300 Micron	241	24.10	38.25	61.8	20-65
150 Micron	554	55.40	93.65	6.3	0-15

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

CIVIL AIM CONSULTANTS BANGALORE

No.01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Banglore - 560 073.
Ph.No: 9591618639 GST IN:29CNWPD9510K1ZB Email:civilaimconsultants@gmail.com

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Job No.: CQCE/BBMP/YNK.D/KEM.S/W-1/QC/M20-1/2022-23 Date: 08-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.**
Agency	: **Sri.Jagadish (Varun Kaarthick Constructions)**
Name of the work	: Development Works at Kempegowda Statue Premises in Kempegowda Ward No-01 of Yelahanka Sub Division.
Sample ID	: Cement Concrete for Retaining Wall Raft
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day
Location	: Kempegowda Statue Premises

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	1-Mar-23	8-Mar-23	7.100	313.0	13.91
2	1-Mar-23	8-Mar-23	7.300	312.0	13.87
3	1-Mar-23	8-Mar-23	7.110	306.0	13.60

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Job No.: CQCE/BBMP/YNKD/KEM.S/W-1/QC/M20-5/2022-23 Date: 08-04-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.**
Agency	**: Sri.Jagadish (Varun Kaarthick Constructions)**
Name of the work	: Development Works at Kempegowda Statue Premises in Kempegowda Ward No-01 of Yelahanka Sub Division.
Sample ID	: Cement Concrete for Column
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day
Location	: Kempegowda Statue Premises

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10-Mar-23	8-Apr-23	7.410	534.0	23.73
2	10-Mar-23	8-Apr-23	7.160	514.0	22.84
3	10-Mar-23	8-Apr-23	7.040	525.0	23.33

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Job No.: CQCE/BBMP/YNK.D/KEM.S/W-1/QC/M20-7/2022-23 Date: 05-04-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.**
Agency	**: Sri.Jagadish (Varun Kaarthick Constructions)**
Name of the work	: Development Works at Kempegowda Statue Premises in Kempegowda Ward No-01 of Yelahanka Sub Division.
Sample ID	: Cement Concrete for Plinth Beam
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 14th day
Location	: Kempegowda Statue Premises

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21-Mar-23	5-Apr-23	7.140	426.0	18.93
2	21-Mar-23	5-Apr-23	7.220	435.0	19.33
3	21-Mar-23	5-Apr-23	7.150	414.0	18.40

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